IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method of selectively logging query implementation information of a query in a database management system, the method comprising:

receiving a query;

determining an execution plan for the query;

determining, on the basis of the execution plan, whether query implementation information should be logged for the query, wherein the query implementation information characterizes usage of system resources needed to execute the query according to the execution plan; and

executing the query after determining whether the query implementation information should be logged for the query.

2. (Currently Amended) The method of claim 1, wherein determining whether query implementation information should be logged comprises determining whether a monitoring process should be invoked to monitor the query ~~should be monitored~~; wherein the monitoring process generates the implementation information.

3. (Original) The method of claim 1, wherein determining whether query implementation information should be logged comprises comparing an estimated runtime of the query to a user-specified threshold value.

4. (Original) The method of claim 1, wherein determining an execution plan comprises determining a cost for a plurality of execution plans using one or more cost factors and wherein determining whether query implementation information should be logged comprises comparing at least one of the cost factors to a user-specified threshold value.

5. (Currently Amended) The method of claim 1, wherein determining whether the query implementation information should be logged comprises comparing a cost factor of the execution plan to a predefined threshold value.

6. (Original) The method of claim 5, wherein the cost factor is selected from at least one of a location of tables, a size of tables, a network node location, a system operating characteristic, a system operating statistic, an estimated runtime for the query, space usage and any combination thereof.

7. (Currently Amended) The method of claim [[1]]30, wherein the query implementation information is ~~monitored~~ generated by a monitor ~~process and wherein determining whether the query implementation information should be logged is performed after executing the query~~.

8. (Original) The method of claim 7, wherein determining whether the query implementation information should be logged comprises determining whether a post-runtime cost factor exceeds a predefined threshold value.

9. (Original) The method of claim 1, wherein determining whether query implementation information should be logged comprises:

comparing a cost factor of the query to a threshold value; and

if the cost factor exceeds the threshold value, then logging the query implementation information.

10. (Original) The method of claim 9, wherein the cost factor is an estimated runtime of the query.

11. (Currently Amended) A computer readable medium containing a program which, when executed by a computer, performs an operation of selectively logging query implementation information of a query in a database management system, the operation comprising:

determining an execution plan for a query; and

before executing the query, determining, ~~according to~~ on the basis of at least one threshold value and the execution plan, whether query implementation information should be logged for the query, wherein the query implementation information characterizes usage of system resources needed to execute the query.

12. (Original) The computer readable medium of claim 10, further comprising executing the query.

13-14. (Cancel)

15. (Currently Amended) The computer readable medium of claim 10, wherein determining whether query implementation information should be logged comprises determining whether a monitoring process should be invoked to monitor the query ~~should be monitored~~; wherein the monitoring process generates the implementation information.

16. (Currently Amended) The computer readable medium of claim 10, wherein determining an execution plan comprises determining a cost for a plurality of execution plans using one or more cost factors and wherein determining whether query implementation information should be logged comprises comparing at least one of the cost factors to the at least one [[a]] threshold value.

17. (Currently Amended) The computer readable medium of claim 10, wherein determining whether query implementation information should be logged comprises comparing a cost factor to ~~a predefined~~ the at least one threshold value.

18. (Original) The computer readable medium of claim 17, wherein the cost factor is an estimated runtime of the query.

19. (Original) The computer readable medium of claim 17, wherein the cost factor is selected from at least one of a location of tables, a size of tables, a network node location, a system operating characteristic, a system operating statistic, an estimated runtime for the query, space usage and any combination thereof.

20. (Currently Amended) The computer readable medium of claim 10, wherein determining whether query implementation information should be logged comprises:

comparing a cost factor of the query to [[a]] the at least one threshold value; and

if the cost factor exceeds the at least one threshold value, then logging the query implementation information.

21. (Original) The computer readable medium of claim 20, wherein the cost factor is an estimated runtime of the query.

22. (Currently Amended) A database system, comprising:

at least one database;

a query processor to generate execution plans for queries requesting information contained in the database;

a database engine to access the database according to the execution plans;

a threshold data structure containing at least one threshold value; ~~and~~

a query monitor configured to selectively generate query implementation information for at least some of the queries that are executed, wherein the query implementation information characterizes usage of system resources needed to execute the queries;

a query implementation information log for logging the query implementation information;

a threshold evaluator configured to determine whether the threshold value is exceeded by a selected cost factor of a given query; wherein the query implementation information for [[a]] the given query is written to the query implementation information log only if the threshold value is exceeded by [[a]] the selected cost factor of the query.

23. (Original) The database system of claim 22, wherein the selected cost factor is an estimated runtime of the query.

24. (Original) The database system of claim 22, wherein the cost factor is selected from at least one of a location of tables, a size of tables, a network node location, a system operating characteristic, a system operating statistic, an estimated runtime for the query, space usage and any combination thereof.

25. (Original) The database system of claim 22, further comprising a monitor program which, when executed, monitors the query to collect the query implementation information.

26. (Original) The database system of claim 25, wherein the monitor program is executed only if the threshold value is exceeded by the selected cost factor of the query.

27. (Original) The database system of claim 26, wherein the selected cost factor is an estimated runtime of the query.

28. (Previously Presented) The method of claim 1, wherein determining whether query implementation information should be logged is done on the basis of the execution plan.

29. (Previously Presented) The computer readable medium of claim 12, wherein determining whether query implementation information should be logged for the query is done on the basis of the execution plan.

Please add the following new claims:

30. (New) A method of selectively logging query implementation information of a query in a database management system, the method comprising:

receiving a query;

determining an execution plan for the query;

executing the query; and

after executing the query, determining whether query implementation information should be logged for the query, wherein the query implementation information characterizes usage of system resources needed to execute the query according to the execution plan.

31. (New) A computer readable medium containing a program which, when executed by a computer, performs an operation of selectively logging query implementation information of a query in a database management system, the operation comprising:

determining an execution plan for a query for which query implementation information is generated during execution of the query, wherein the query implementation information characterizes usage of system resources needed to execute the query; and

after executing the query, determining whether the query implementation information should be logged for the query; wherein determining whether the query implementation information should be logged comprises determining whether a post-runtime cost factor exceeds a predefined threshold value.